

Product Datasheet

Enoxacin (orb1310354)

Catalog Number	orb1310354
Category	Small Molecules
Description	Enoxacin is a 6-fluoroquinolone antibiotic structurally derived from nalidixic acid. It is widely used in research for its antibacterial activity in vitro and has been employed in studies exploring DNA gyrase inhibition and bacterial infection models in vivo.
Target	MicroRNA,Topoisomerase,Antibacterial,Antibiotic,DNA/RNA Synthesis
Purity	98.68% (May vary between batches)
MW	320.32
Target Areas	Antibiotic Topoisomerase Antibacterial DNA/RNA Synthesis MicroRNA
Solubility (25°C)	DMSO:60 mg/mL (187.31 mM);Ethanol: 1 mg/mL (insoluble or slightly soluble);H2O: 1 mg/mL (insoluble or slightly soluble)
CAS Number	74011-58-8
Formula	C ₁₅ H ₁₇ FN ₄ O ₃
SMILES	<chem>C(C)N1C=2C(C(=O)C(C(O)=O)=C1)=CC(F)=C(N2)N3CCNCCC3</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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